ABSTRACT OF THE DISCLOSURE

Synchronized computing routes data and code to desired destinations of computers from various locations where the data and code is stored. Synchronized computing securely synchronizes the movement of data and code to perform desired computation. To support

5   synchronized computing, a client generates proxy objects that, when executed, serve as gateways between local objects of the client and remote objects that may reside on servers connected to the client over a network. The client generates the proxy objects based on an (1) interface definition that may be downloaded over a network and (2) policy access data that may reside on the client. The proxy objects are generated so that they control access

10   according to access rules defined by the policy access data.